

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1 - 3. (Canceled)

4. (Currently Amended) Fine silica particles ~~according to claim 1~~ having an average particle size of 0.05 to 1 μ m, wherein in a measurement of small-angle X-ray scattering, a fractal structure parameter α_1 at length scales ranging from 50 nm to 150 nm and a fractal structure parameter α_2 at length scales ranging from 150 nm to 353 nm satisfy the following formulas (1) and (2):

$$\underline{-0.0068S + 2.548 \leq \alpha_1 \leq -0.0068S + 3.748} \quad (1)$$

$$\underline{-0.0011S + 1.158 \leq \alpha_2 \leq -0.0011S + 2.058} \quad (2)$$

wherein S is a BET specific surface area (m^2/g) of the fine silica particles,

wherein surfaces of the silica particles are treated with at least one treating agent selected from the group consisting of silylating agents, silicone oils, siloxanes, metal alkoxides, fatty acids and metal salts of the fatty acids.

5. (Currently Amended) A filler for a semiconductor-encapsulation resin, comprising ~~the fine silica particles of claim 1~~ having an average particle size of 0.05 to 1 μ m, wherein in a measurement of small-angle X-ray scattering, a fractal structure parameter α_1 at

length scales ranging from 50 nm to 150 nm and a fractal structure parameter α_2 at length scales ranging from 150 nm to 353 nm satisfy the following formulas (1) and (2):

$$\underline{-0.0068S + 2.548 \leq \alpha_1 \leq -0.0068S + 3.748} \quad (1)$$

$$\underline{-0.0011S + 1.158 \leq \alpha_2 \leq -0.0011S + 2.058} \quad (2)$$

wherein S is a BET specific surface area (m²/g) of the fine silica particles.

6. (Currently Amended) A toner additive for electrophotography, comprising ~~the fine silica particles of claim 1~~ having an average particle size of 0.05 to 1 μ m, wherein in a measurement of small-angle X-ray scattering, a fractal structure parameter α_1 at length scales ranging from 50 nm to 150 nm and a fractal structure parameter α_2 at length scales ranging from 150 nm to 353 nm satisfy the following formulas (1) and (2):

$$\underline{-0.0068S + 2.548 \leq \alpha_1 \leq -0.0068S + 3.748} \quad (1)$$

$$\underline{-0.0011S + 1.158 \leq \alpha_2 \leq -0.0011S + 2.058} \quad (2)$$

wherein S is a BET specific surface area (m²/g) of the fine silica particles.

7. (Previously Presented) A toner additive for electrophotography according to claim 6, wherein surfaces of the silica particles are treated with at least one treating agent selected from the group consisting of hexamethyldisilazane, dimethyl silicone oils, γ -aminopropyltriethoxysilane and γ -(2-aminoethyl)aminopropylmethyldimethoxysilane.